Installing your IPAQ, for USB Sync and Wireless Lan cards, and the CER emulator...Posted by Marnie Hutcheson 8/12/2001 6:52 PM  So,  someone from MS was supposed to do this, but since they haven't and time is getting short, I will tell you what I know.

0. Charge both the IPAQ and the extender sleeve for several hours before you start.
1. 1. Follow the directions to install your IPAQ on you PC from the getting started guide. Install the MS ActiveSync 3.  --as it tells you to.  This installs the IPAQ with the USB connector attached, and gets synchronization running, once you are comfortable with the IPAQ running and you are synchronizing files with it, i.e., email and Avant.go, and etc.... go to step 2  (Play with it a little and find your way around, take the guided tour... it will save you gray hair later.)
2. Install the wireless cards. The IPAQ can be attached using the usb connector during this process, it is ok - you don't have to have the usb.  Follow the instructions in the WL110 Wireless PC Card quick install guide -the little red book.  I installed the client manager first as the instructions say, I recommend that you do also. You are creating a Peer-to-Peer connection between the two lan cards. So follow the instructions for installing the card on the PC first, Then configure the card, put an ip address in it and a gateway and a subnet and DNS if you got them.  [I use 192.168.1.7, 255.255.255.0, and 192.168.1.1 for the PC and 192.168. 1. 8 etc. on the IPAQ] The first time around I missed this step and felt really foolish later.  After the PC card is installed, follow the instructions to install the card (and driver) on the IPAQ.  (Using the default connection which does not say "peer to peer" and "any" network) You will understand this when you read the instructions. Use the LAN Wireless net card client manager to confirm that you have a good connection with the wireless cards before you go to step 3 - or you are wasting your life.
3. Once you have good communications between the two wireless LAN cards, then you can approach the CEhost.exe simulator.  This is the program that puts a picture of the IPAQ screen up on the PC - for projection to the audience.

----------The IPAQ Emulator ----------
The CERDisp goes on the IPAQ. The CERhost goes on your PC You will find these files on the TPrep 3 CD and also I have put them in a zip called, CompacIPAC.zip in the Additional resources folder.  There are also some net card drivers and stuff in the zip, but the things you really need are just the two exes.  The synchronization interface (see step one above) will put it over there for you if you put it in a synchronization folder.  The first time I installed, one of the other utilities walked me through this too, but I don't remember which one, I think its the Wireless net card client manager. Once you have the file on your IPAQ, run it and then just configure it. Be sure to restart the IPAQ to get it to come up with the correct network settings. Then go and start CERdisp from where ever you saved it. Execute the CERhost.exe on your PC, it will be blank till you execute the CERdisp.exe on the IPAQ (or re-connect), then presto! The IPAQ display will show up in the CERhost window. (To reconnect the CERdisp to the PC, I go to "Today", if CERdisp is running it shows two round icons at the bottom of the screen.  Touch the leftmost and confirm the IP address, and then select connect.  If the network is really connected, the IPAQ screen image will show up in the CE Remote window on your PC.)

----------Additional Ideas----------
This info from Phil Aiken...If you do Internet Connection sharing (to get to external web sites) on your fixed Ethernet board (or 1st of two wireless cards), it forces the IP address of the peer-to-peer wireless card in the laptop to 192.168.0.1  so use that for DSN and WINS on the pocket pc wireless card.  Also use IP of 192.168.0.2 on the pocket pc with mask 255.255.255.0  and Default Gateway = 192.168.0.1  On the PPC browser use whatever proxy server you normally do in the location you are in. I found it also helps to ping the proxy server by name and put in the numeric IP address. See correction below

RC2 not Beta 2.  Mike Iem will be getting copies of Windows XP RC2 today.  I am using new desktop drivers from Compaq that have not been released yet.